

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3438	((237/12.3r) or (237/12.3b) or (165/41) or (165/42) or (123/142.5r)).CCLS.	USPAT	OR	OFF	2007/03/05 02:10
L2	147	1 and (hole bore orifice) same pressure	USPAT; USOCR	OR	ON	2007/03/05 00:28
L3	111	1 and viscous	USPAT	OR	ON	2007/03/05 01:38
L6	1	1 and pre adj heat\$3 near4 oil	USPAT; USOCR	OR	ON	2007/03/05 02:09
L7	2	1 and pre adj heat\$3 with oil	USPAT; USOCR	OR	ON	2007/03/05 02:09
L8	7	1 and pre adj heat\$3 with (oil fluid)	USPAT; USOCR	OR	ON	2007/03/05 02:09
L9	0	"237"/\$.ccls. and viscous with pre adj heat	USPAT; USOCR	OR	ON	2007/03/05 02:11
L10	0	"237"/\$.ccls. and viscous same pre adj heat	USPAT; USOCR	OR	ON	2007/03/05 02:12
L11	7193	"237"/\$.ccls. and heat	USPAT; USOCR	OR	ON	2007/03/05 02:11
L12	123	"237"/\$.ccls. and viscous	USPAT; USOCR	OR	ON	2007/03/05 02:12
L13	14	"237"/\$.ccls. and fluid same pre adj heat	USPAT; USOCR	OR	ON	2007/03/05 02:14
L14	0	("237" "165")/\$.ccls. and fluid same pre adj heat	USPAT; USOCR	OR	ON	2007/03/05 02:14
L15	0	((("237")("165"))/\$.ccls. and fluid same pre adj heat	USPAT; USOCR	OR	ON	2007/03/05 02:15
L16	6784	"237"/\$ "165"/\$.ccls	USPAT; USOCR	OR	ON	2007/03/05 02:16
L17	0	"165"/\$.ccls	USPAT; USOCR	OR	ON	2007/03/05 02:16
L18	0	"165"/\$.ccls	USPAT; USOCR	OR	ON	2007/03/05 02:16
L19	77961	"165"/\$.ccls.	USPAT; USOCR	OR	ON	2007/03/05 02:17
L20	6784	"237"/\$ or "165"/\$.ccls	USPAT; USOCR	OR	ON	2007/03/05 02:16
L21	22054	"237"/\$.ccls.	USPAT; USOCR	OR	ON	2007/03/05 02:17
L22	94988	19 or 21	USPAT; USOCR	OR	ON	2007/03/05 02:17
L23	0	22 and viscous with pre adj heat\$3	USPAT; USOCR	OR	ON	2007/03/05 02:18
L24	8	22 and viscous same pre adj heat\$3	USPAT; USOCR	OR	ON	2007/03/05 02:18
S1	1393	((237/12.3r) or (237/12.3b)).CCLS.	USPAT	OR	OFF	2005/12/10 21:08
S2	2	S1 and viscous and pump with impeller	USPAT	OR	ON	2007/03/05 01:38

## EAST Search History

S3	25	S1 and viscous and aluminum	USPAT	OR	ON	2005/06/28 06:32
S4	4	S1 and impeller and aluminum	USPAT	OR	ON	2005/06/28 06:32
S5	3342	((237/12.3r) or (237/12.3b) or (165/41) or (165/42) or (123/142.5r)).CCLS.	USPAT	OR	OFF	2007/03/05 00:28
S6	1	S5 and rotor with stator same pivot\$3	USPAT	OR	ON	2005/12/10 21:10
S7	31	(car automobile vehicle truck) and rotor with stator same pivot\$3 and (coolant water fluid) and heat\$3	USPAT	OR	ON	2005/12/10 21:46
S8	4	(car automobile vehicle truck) and rotor with stator same pivot\$3 SAME (heater core heat adj exchanger) and heat\$3	USPAT	OR	ON	2005/12/10 21:49
S9	0	("237" "165")/\$.ccls. and (car automobile vehicle truck) and rotor with stator same pivot\$3 and (coolant water fluid) and heat\$3	USPAT	OR	ON	2005/12/10 21:47
S10	0	("237" "165")/\$.ccls. and (car automobile vehicle truck) and rotor with stator and (coolant water fluid) and heat\$3	USPAT	OR	ON	2005/12/10 21:48
S11	0	("237" "165")/\$.ccls. and (car automobile vehicle truck)	USPAT	OR	ON	2005/12/10 21:48
S12	0	("237")/\$.ccls. and (car automobile vehicle truck)	USPAT	OR	ON	2005/12/10 21:48
S13	1754	"237"/\$.ccls. and (car automobile vehicle truck)	USPAT	OR	ON	2005/12/10 21:48
S14	13	rotor with stator same pivot\$3 SAME (heater core heat adj exchanger) and heat\$3	USPAT	OR	ON	2005/12/10 21:49
S15	701	(123/142.5r).CCLS.	USPAT	OR	OFF	2005/12/10 21:54
S16	22	S5 and rotor with stator	USPAT	OR	ON	2005/12/10 21:54
S17	4	((("4,993,377") or ("4,974,778") or ("4,501,231") or ("6,244,232"))).PN.	USPAT	OR	OFF	2005/12/14 16:00
S18	10	(US-3731729-\$ or US-4106472-\$ or US-4493293-\$ or US-5743467-\$ or US-5979163-\$ or US-6039007-\$ or US-6325298-\$ or US-6489598-\$ or US-6900561-\$ or US-6244232-\$).did.	USPAT	OR	OFF	2005/12/14 16:06
S19	7	S18 and pump	USPAT	OR	ON	2005/12/14 16:31
S20	287	"237"/\$.ccls. and pump with (internal inside)	USPAT	OR	ON	2005/12/14 16:32
S21	36	"237"/\$.ccls. and (viscous friction) and pump with (internal inside)	USPAT	OR	ON	2005/12/14 16:33
S22	2284	(237/12.3b,12.3r).CCLS.	USPAT; USOCR	OR	OFF	2007/03/04 18:50
S23	71	S22 and viscous	USPAT; USOCR	OR	ON	2007/03/04 20:30
S24	22	S23 and (hole bore orifice) same pressure	USPAT; USOCR	OR	ON	2007/03/05 00:28
S25	4	("4974778"   "5819724").PN. OR ("6042017").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/04 19:11

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S26	18	((("3,198,191") or ("3,720,372") or ("4,277,020") or ("3,791,349") or ("4,312,322") or ("5,141,328") or ("5,188,090") or ("5,341,768") or ("5,819,724") or ("5,913,306") or ("5,915,341") or ("5,931,153") or ("6,152,084") or ("6,129,287") or ("6,386,751") or ("4,424,797"))).PN.	USPAT; USOCR	OR	OFF	2007/03/04 19:23
S27	1	("6823820").PN.	USPAT; USOCR	OR	OFF	2007/03/04 19:31
S28	1	("6910448").PN.	USPAT; USOCR	OR	OFF	2007/03/04 19:32
S29	1	("6959669").PN.	USPAT; USOCR	OR	OFF	2007/03/04 19:33
S30	1	("6976486").PN.	USPAT; USOCR	OR	OFF	2007/03/04 19:34
S31	1	("7089886").PN.	USPAT; USOCR	OR	OFF	2007/03/04 19:34
S32	19	(US-6244232-\$ or US-5979163-\$ or US-4493293-\$ or US-5683031-\$ or US-6900561-\$ or US-3731729-\$ or US-6039007-\$ or US-6325298-\$ or US-5743467-\$ or US-4106472-\$ or US-6489598-\$ or US-6158665-\$ or US-6976486-\$ or US-4974778-\$ or US-5957121-\$ or US-6823820-\$ or US-6910448-\$ or US-6959669-\$ or US-7089886-\$).did.	USPAT	OR	OFF	2007/03/04 19:57
S33	4	S32 and negative adj pressure	USPAT; USOCR	OR	ON	2007/03/04 20:00
S34	5	S23 and negative adj pressure	USPAT; USOCR	OR	ON	2007/03/04 20:00
S35	2	S23 and drum	USPAT; USOCR	OR	ON	2007/03/04 20:23
S36	0	S23 and (hole bore orifice) with agitator\$4	USPAT; USOCR	OR	ON	2007/03/04 20:32
S37	0	S23 and (hole bore orifice) with cavitator\$4	USPAT; USOCR	OR	ON	2007/03/04 20:31
S38	0	S23 and (hole bore orifice) same agitator\$4	USPAT; USOCR	OR	ON	2007/03/04 20:31
S39	0	S23 and (hole bore orifice) same cavitator\$4	USPAT; USOCR	OR	ON	2007/03/04 20:31
S40	5	S23 and agitator\$4	USPAT; USOCR	OR	ON	2007/03/04 20:32